



Thilan Rukshan Hassim

Computer Scientist (awaiting results)

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<https://github.com/123Rukza>

Personal Summary

I am awaiting my final year results from Informatics Institute of Technology affiliated with the University of Westminster UK. With experience in multiple fields of work ranging from Web Development, Mobile Application Development, Machine learning, 3D modelling and animations, I can learn and adapt to new technologies efficiently through a small period. My strongest interests are machine learning applications and web development. Therefore, I would be highly motivated to take part in a Software development based career or a machine learning and AI based career that will offer a challenge with plenty of new skills and technologies to master.

Working Experience

- One year working experience as an Intern Software Engineer at **CAM Management Solutions, Colombo** in the years 2017-2018. Achieved experience on application development, server management and database handling.
- Three months working experience as a Trainee at **Swadeshi Industrial Works PLC, Kandana** in the year 2014. Achieved experience on computer data entry, documenting and effective presentation creation/delivery.

Academic Qualifications

Successfully completed the Foundation Certificate of Higher Education by the *Informatics Institute of Technology* with a Distinction pass.

Successfully completed the first and second years of BSc (Hons) Computer Science by the *University of Westminster, UK affiliated with Informatics Institute of Technology, Sri Lanka*. Achieved and overall average of 70% (Unofficial). The following modules were followed,

- Object Oriented Programming
- Database Systems
- Software Development Group Project
- Client Server Architecture
- Mobile Application Programming
- Advanced Client-Side Development
- Data Structures and Algorithms

Successfully completed the final year of BSc (Hons) Computer Science by the *University of Westminster, UK affiliated with Informatics Institute of Technology, Sri Lanka* (Results Pending). The following modules were followed,

Enterprise Application Development
Security and Forensics
Concurrent Programming
Mobile Native Application Development
Final Year Project

Professional Achievements

- Cutting Edge 2015 – Best Creative Design Award for project Virta Tours.
- IIT Hack 2017 – Included on the final top 30 teams with project Phase Maps.
- Global Student Entrepreneurship Awards 2017 – Semi-finalist with project Phase Maps

Technical Skills

- Proficient in Microsoft .NET technologies and tools (.NET Core, .Net MVC, ASP.Net, Entity Framework, Identity Framework, SQL server, Azure VMs)
- Experienced in web UI frameworks such as JQuery UI and Bootstrap
- Fluent with multiple programming languages (C#, Java and Python)
- Knowledge in mobile native programming for Android (Java) and iOS (Swift)
- Machine learning enthusiast with experience in time series forecasting, classification, regression and natural language processing (NLP)
- Skills in Arduino development and programming
- 3D modelling skills using blender and experience with Unreal Engine

Notable Completed Projects

- Virta Tours - This is a 3D virtual tour of the current IIT building featuring game like controls to the user. Created using Blender and Unreal Engine.
- Sightless Mail - This is a voice based emailing platform for visually impaired individuals who are unable to use emailing applications easily. Created using Java and CMU Sphinx for Cutting Edge 2016.
- Phase Maps - This is a multipoint-based navigation solution for mobile phones. Created for Android devices using the Google Maps API suite as a requirement for the Software Development Group Project module.
- TaxiMate - This is a web-based taxi demand prediction system. This was developed using time series forecasting techniques, Prophet algorithm and .Net core technologies as a requirement for the Final Year Project module.

Extra-Curricular Achievements

- Vice-captain of the school swimming squad 2010/2011
- Member of the school western choir
- Member of the school eastern band
- Member of the school scrabble team
- Member of the school ICT Society
- Member of the IIT badminton team

Referees

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Declaration

I hereby declare that the information provided above in this document are true and correct to the best of my knowledge.